AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Canceled)

2. (Currently Amended) A biomedical information collection apparatus, comprising:

(a) a plurality of closed compartments, spaced apart and made of an airtight flexible material, each of the closed compartments having a variable internal volume; a spring member placed inside of each of the closed compartments;

(b) a plurality of closed air pressure ~~air type sound~~ sensors each including one or more of ~~either~~ a non-directional microphone and ~~, or~~ a pressure sensor, the closed air pressure ~~airtight type sound~~ sensors in communication with ~~being connected to~~ respective closed compartments for detecting and converting ~~an~~ air pressure in each of the closed compartments into an electric signal; and

(c) a plate-shaped member placed on the plurality of closed compartments~~; of the plurality of closed air type sounds sensors~~, ~~wherein the air pressures in the closed compartments~~ when a living organism is placed on the plate-shaped member placed on the plurality of closed compartments while air remains in the closed compartments of the closed air pressure ~~air type sound~~ sensors, the air pressure in the closed compartments being detected by their respective non-directional microphones and ~~the~~ pressure sensors to measure biomedical information including breath, heart rate, and body movements including a cough and a snore of the living organism.

3. (Currently Amended) The biomedical information collection apparatus according to claim 2, wherein the non-directional microphones and pressure ~~closed-air type sound~~ sensors are mounted inside of each respective closed compartment ~~compartments~~.

4. (Currently Amended) The biomedical information collection apparatus according to claim 2, wherein the non-directional microphones and pressure ~~closed air type sound~~ sensors are mounted at an end portion of a hose connected to the closed compartments.

5. (Currently Amended) A biomedical information collection apparatus ~~according to claim 2~~, comprising:
(a) a plurality of closed compartments, spaced apart and made of an airtight flexible material, each of the closed compartments having a variable internal volume; a spring member placed inside of each of the closed compartments;
(b) a plurality of closed air pressure sensors each including one or more of a non-directional microphone and a pressure sensor, the closed air pressure sensors in communication with respective closed compartments for detecting and converting air pressure in each of the closed compartments into an electric signal; and
(c) a plate-shaped member placed on the plurality of closed compartments; when a living organism is placed on the plate-shaped member placed on the plurality of closed compartments while air remains in the closed compartments of the closed air pressure sensors, the air pressure in the closed compartments being detected by their respective non-directional microphones and pressure sensors to measure biomedical information

including breath, heart rate, and body movements including a cough and a snore of the living organism;
wherein a microscopic pinhole is provided in each of the closed compartments to establish an air leak countermeasure to minimize an influence upon the non-directional microphones and pressure sensors.

Claims 6-13 (Previously Canceled).

14. (New) The biomedical information collection apparatus according to claim 5, wherein the non-directional microphones and pressure sensors are mounted inside of each respective closed compartment.

15. (New) The biomedical information collection apparatus according to claim 5, wherein the non-directional microphones and pressure sensors are mounted at an end portion of a hose connected to the closed compartments.